5005810

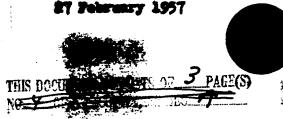
CRM FILE BC i

6. L. Palt, 493 7.1

Robert E. Cambell, J-6

ochoriye ar voel blance betyleveny proposal

3-6-3534



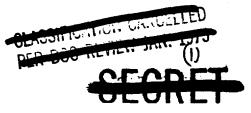
Constal Startist has requested comments from Jim Resves by 1 March on Corry Johnson's letter Copen-313 dated 19 February to Startist, <u>Proposed</u> Development of Though no a Wangene Start Site. The Standard called to de 25 February taking for any Comments to might have from a construction standpoint.

We agreed, in discussing the motter with Sanders, to look at Gerry's proposal - no more. It is our feeling that Starbird might well invite the comment of TS 7.1 (not necessarily synanymous with LASL in these mattern) and, failing that, Reeves might better request TS 7.1's comments rather than those of J-6 alone. Hence we direct the following comments to you for any disposition you may ease to make:

- 1. Any ecoment to agencies extends TO 7.1 should be prefaced by a caution that Gerry's paper is the view of UCRL and not necessarily shared by TO 7.1. We feel that UCRL sometimes takes adventage of our name.
- 2. Page 3, Item 1: Gibbins states that large devices can be fired on the northern side of Bikini Atoli at the same time that firing of smaller devices is being conducted in the Tare complex. This statement might cause the uninitiated to believe that there would be no interaction between shots of any yield or nethod of firing then tested in this geographical relationship we don't believe this is the case but edmit that given enough time and money the natural interactions can be reduced.
- 3. Page 3, Item 2: We have to see UCRL publishing a "someopt" for 55 7.1, particularly for distribution at the Washington level.
- 4. Page 4, Schedule I: Sen days between tower shots seems a little quick to erect the towers, instrument them, have a few dry runs and fire; particularly when one of these ten days is used as a shot day for a 0.5 2.0 megaton barge shot in the northern lagoon. We assume that they do not hope to have all towers up prior to the first shot; they have placed events 1 and 7 in the same location, events 1 and 5 being of the order of 1500' spart would hardly permit firing event 1 without bewere damage to the event 2 zero area, and event 11 would take a moderate beating from events 9 and 10.



34/3



V^R be

a Maria grad Sur

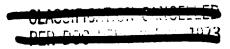
per des

errang. . .

- 5. Page 5, Schodule II: This schodule contains the come difficulties mentioned above in comment 4.
- 6. Page 6, Item (a): This paragraph mentions almost every consideration except the minor one of providing time for construction. A 300' tower requires approximately 18 working days for creation once the foundations have been prepared.
- 7. Page 7, Item (f): Would we agree that said probability is "high"?
- 8. Page 8, Item 2: Firing in the northern lagoon and working towards the ceems seems to conflict with Schedule II which indicates a reverse process. Barge access to the inside edge of the northern lagoon reef might be quite a problem for the first shot considering the mavigational difficulties at this stoll.
- 9. The only comment we can make on the discussions of Weather and Geography and Fallout is that we are not too sure that the opinions they report out of context accurately reflect the opinions of the original authors.
- 10. Page 14, Item (a). From the costs per yard quoted here it would appear the HAH can move coral more cheaply (\$6.20/cu. yd. including overhead) than can the Havy (\$6.50/cu. yd. not including overhead.) Further, any Havy effort would not be free by virtue of not paying their salaries HAH would still have to support them.
- 11. Page 15, Item (d): This, as does Item 2 on Page 8, conflicts with Schedule II.
- 12. Page 15, Item (e): An APL might be used for housing, but it isn't worth much for storage of construction materials or for maintenance of construction equipment.
- 13. Page 15, Item (f): HAN were fairly explicit regarding their economication requirement during the construction phase, and we doubt that they would accept the pre-CASTLE military type service again it didn't work the first time.
- 14. Page 16, Item 2: Assembly and loading facilities of the type provided at a cost of \$870,000 at Parry would hardly suffice without additional water and blast protection this facility might be rather expensive and relatively shortlived; we wonder if an LSD wouldn't be more economical?

3414





15. Page 17, Item (b): We doubt the practicality of His operating a capital ship a major portion of each year on the west coast. (A seving of 1-1/2 was years for WML im't much compared with the number of man years required from another agency to exerate such a ship.)

16. Page 17, Item (e): We believe use of such a ship for TO 7.5 housing is a week justification in that their major effort occurs prior to the arrival of this diagnostic ship.

17. Page 18, Item (e): It should be made clear that this paragraph is limited to a communications center for 30 7.1 in the Thong! Area. Here again the ship arrives too late to solve Eld's communications problem during the construction phase.

In general we feel that Serry's proposal tends to present a rather palliative version by omitting difficulties obvious to a more experienced group. We feel that both the pro's and con's should be presented in any proposal which requests a policy decision.

Robert H. Campbell, J-6

1A = G. L. Felt, CTG 7.1

2A - G. L. Felt, CTG 7.1

34 - J-6

Me 36 ma Refiles

3415

78.7

